

ELECTRIC/GAS REVENUE MIX AND
BOND RATING FOR THE GROUP OF FIVE
COMPARABLE UTILITIES AND FOR AVISTA
UTILITIES FOR 1999

<u>Company</u>	<u>% Electric Revenue</u>	<u>% Gas Revenue</u>	<u>Bond Rating</u>	
			<u>S&P</u>	<u>Moody's</u>
CH Energy Group	82.0%	18.0%	A	A2
Hawaiian Electric Ind. Baa 1	100.0	-	BBB	
RGS Energy Group	71.2	28.8	A-	A3
United Illuminating Co.	100.0	-	BBB-	Baa 1
WPS Resources Corp. <u>AA3</u>	<u>75.5</u>	<u>24.5</u>	<u>AA</u>	-
Average	85.7%	14.3%	BBB+ to A-	A2 to A3
Avista	83.2%	16.8%	BBB+	A3

Sources: 1999 Annual Reports; March 1999 Standard & Poor's Bond Guide

AVERAGE DIVIDEND YIELDS FOR
FIVE SELECTED UTILITIES FOR SIX
MONTHS ENDED MARCH 31, 2000

<u>Company</u>	<u>Average Dividend Yield</u>
CH Energy Group	6.61%
Hawaiian Electric Ind.	8.02
RGS Energy Group	8.22
United Illuminating Co.	6.16
WPS Resources Corp.	<u>8.16</u>
Average:	7.43%

GROWTH RATE PROJECTIONS FOR
THE GROUP OF FIVE COMPARABLE
UTILITIES

<u>Company</u>	<u>Value Line Projections</u>			<u>S&P/Zack's/IBES Projections</u>		
	<u>EPS</u>	<u>DPS</u>	<u>BVS</u>	<u>S&P EPS</u>	<u>Zack's EPS</u>	<u>IBES EPS</u>
CH Energy Group	1.5%	0.5%	3.0%		1.0%	1.0%
1.0%						
Hawaiian Electric Ind.	2.0	0.5	2.0	3.0	3.3	3.23
RGS Energy Group	2.5	0.0	3.0	2.0	2.3	2.5
United Illuminating Co.	3.0	0.0	2.0	3.0	3.3	2.33
WPS Resources Corp.	<u>8.0</u>	<u>2.0</u>	<u>5.5</u>	<u>3.0</u>	<u>3.0</u>	<u>3.2</u>
Average:	3.4%	0.6%	3.1%		2.4%	2.6%
2.5%						

Sources: Value Line Investment Surveys for
January 7, February 18 and March 10, 2000.
Standard & Poor's Earnings Guide for April, 2000
Zack's Investment Surveys, April 7, 2000.
IBES Surveys.

Demonstration That With a 10.4% Rate of Earnings On Book Equity,
Given a Cost Of Common Equity Of 10.15%, The Market Price
Can Be Expected To Be Approximately 4% Above Book Value

I. Given:

r	=	Rate of Earnings on Book Equity = .104
k	=	Cost of Common Equity = .1015
G	=	Estimated Long Run Growth in Equity Capital = 9.0%
b	=	Retention Ratio = .23
f	=	Cost of Financing = .04
Mo/Bo	=	Expected Market to Book Ratio = 1.04
g _{BV}	=	Annual Growth Rate in Book Value Per Share
D ₁	=	Dividends Per Share
g _{RE}	=	Annual Growth from Retained Earnings
g _S	=	Annual Growth Rate from Sales of Stock at Net Proceeds Above Book Value Per Share

II. DCF Formula

$$M_o = D_1 / k - g_{BV}$$

Dividing both sides by Bo produces

$$M_o/B_o = (D_1/B_o) / k - g_{BV}$$

$$\text{Where } D_1 = r (1 - b) B_o$$

$$k = .1015, \text{ as given}$$

$$g_{BV} = (1 + g_{RE})(1 + g_S) - 1$$

$$\text{Where } g_{RE} = rb$$

$$g_S = \frac{1 + (G - rb)}{1 + (G - rb)} - 1$$

$$(M_o/B_o)(1 - f)$$

III. Solution

$$D_1/B_o = (.104)(.77) = .08$$

$$g_{RE} = rb = (.104)(.23) = .0239$$

$$g_S = \frac{1 + (.09 - .0239)}{1 + (.09 - .0239)} - 1 = 0$$

$$(1.04)(1 - .04)$$

$$g_{BV} = (1 + .0239)(1 + 0) - 1 = .0239$$

$$g_{BV} = .0239$$

$$M_o/B_o = \frac{.08}{.1015 - .0239} @ 1.04$$

Exhibit ____ (RJL-2)
Schedule

WASHINGTON JURISDICTIONAL ELECTRIC
AND GAS OPERATIONS OF AVISTA UTILITIES
FAIR OVERALL RATE OF RETURN

Overall	Capital			Cost of
Type of Capital	Structure	Cost Rates	Weighted	Capital
<u>(A)</u>	<u>Ratios</u>	<u>Cost Rates</u>	<u>Cost Rates</u>	
<u>(E)</u>	<u>(B)</u>	<u>(C)</u>	<u>(D)</u>	
A. Long-Term Debt	40.0%	7.97%	3.19%	
B. Short-Term Debt	8.5	5.74	0.49	
C. Preferred Stock	9.5	8.11	0.77	
D. Common Equity	<u>42.0</u>	<u>10.40</u>	<u>4.37</u>	
E. Total:	100.0%			
8.82%				